

A B S T R A C T

A METHOD OF MAKING A SANDWICH-TYPE COMPOSITE PANEL HAVING
A HINGE, AND A PANEL OBTAINED BY PERFORMING SUCH A METHOD

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The invention relates to a method of making a
composite panel (100) of sandwich structure and provided
with a hinge (106), said panel comprising a stack made up
of at least one first skin (101) made of a reinforced
thermoplastics material, of a cellular core (102) made of
a thermoplastics material, and of a second skin (103)
made of a thermoplastics material, in which method said
panel (100) is formed by pressing said stack at a
pressure lying in the range 10×10^5 Pa to 30×10^5 Pa,
the first and second skins (101, 103) being preheated to
a softening temperature. The invention is characterized
in that, after said panel has been formed, an incision is
made at a determined place in said panel so as to cut
through one (101) of the first and second skins (101,
103), and substantially through the entire thickness of
the cellular core, while leaving the other skin (103)
intact so that it forms, at said place, the hinge (106)
between two portions (107, 108) of the incised
panel (100).

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Translation of the title and the abstract as they were when originally filed by the
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